

ILLEGIB

Approved For Release 2001/06/09 : CIA-RDP78T05439A000300060011-4

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~~TOP SECRET RUFF~~

Declass Review by NIMA/DOD

TCS No. 4960/63-KH
IB No. 375/63
19 December 1963
Copy 1

MEMORANDUM FOR: Chief, Resources Division, ORR

ATTENTION :

25X1A

THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS

FROM : Chief, CIA/PID (NPIC)

SUBJECT : Yu-Men Oil Fields and Refinery, Communist China

REFERENCE : (1) ORR Requirement No. ORR/41/62 (Revised 14 June 1963)
(2) CIA/PID Project Nos. C 708/63, C 724/63 and C 725/63

1. Referenced requirement requests a study of the oil fields and refinery at Yu-men, China. The specific points for study that were requested include: evaluation of its level of activity; a description of changes or recent expansions and, if possible, an estimation of production capacity or status of operation; and, an annotated photographic enlargement of the complex.

2. Analysis of the petroleum refinery indicates that there are both distillation and cracking units. There is a probable treating and blending section (with warehousing, canning and shop facilities) within the complex. There are approximately 50 stock tanks ranging from small to large in the complex area. No large amounts of construction material or new bases for stock tanks were observed. The heat and power plant can be observed 0.7 nm east of the refinery. Just west of the heat and power plant 1.5 nm is the rail tank car loading and unloading facilities with approximately 20 stock tanks ranging from small to large in size. There is a possible heat treating and dewaxing installation 0.5 nm north of the refinery.

3. In an area search around the refinery, oil fields were observed in the foothills of the Nan Shan Mountains and also on the plains. An estimation of the potential size and limits of the oil field cannot be based on photography alone. Two of these fields seem will defined and workover derricks were over each well. Step out rigs can be observed trying to define the limits of the fields. In the foothills east of Pai-lao-hu-tun the oilfields have a north-south axis. Separation units, gathering tanks, drilling rigs and production units can be observed. Here also, the actual closing limits of the geological structures or areal extent of the oil field would not be possible based on photography alone. The Chinese appear to be very active in their search for petroleum by the number of drilling rigs and tanks observed.

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S-10511

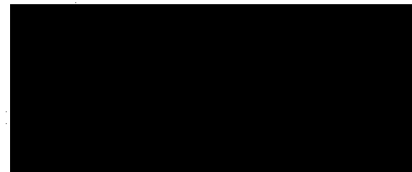
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SUBJECT: Yu-Men Oil Fields and Refinery, Communist China

4. This study was conducted from TALENT [REDACTED] 25X1D
which is the best available photography covering the area. The enclosed annotated
photo enlargements were selected from [REDACTED] One annotated photo 25X1D
enlargement was enclosed from KEYHOLE [REDACTED] 25X1D
for comparison coverage.

5. The photo analyst assigned to this project was [REDACTED] 25X1A
who may be contacted on extension 2547 should you have further questions regarding
this project. These projects are considered to be complete as of the date of
this memorandum.



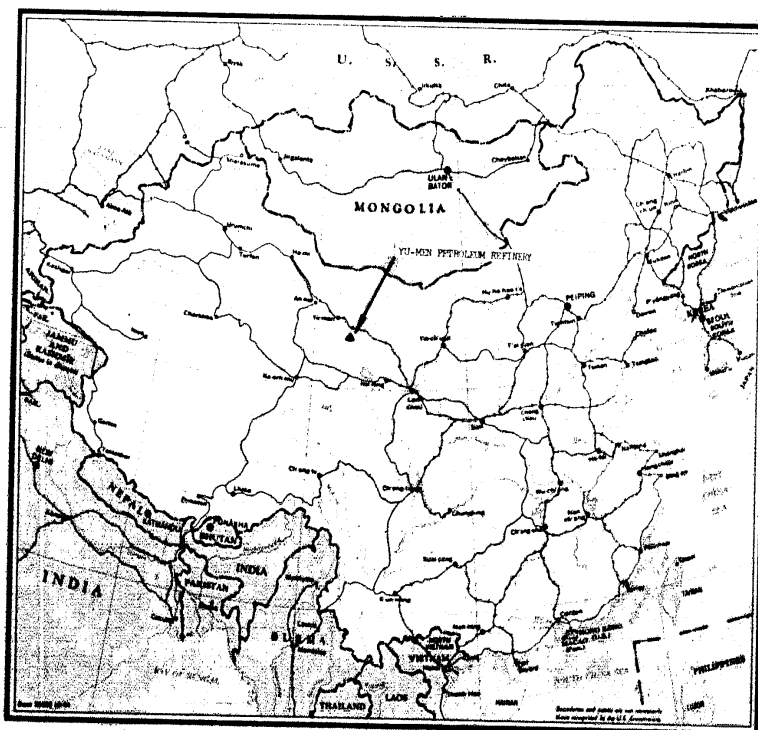
25X1A

ENCLOSURES:

- 5 Annotated Photo Enlargements
(CIA/PID/IB-P-852/63 thru P-856/63)
- 1 Annotated Map (CIA/PID/IB-P-857/63)

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CIA/PIN/P-55/63

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TOP SECRET - OCESS

STAGE AREA

TANK FARM

POLYMERIZATION

POLYMERIZATION

POLYMERIZATION

POLYMERIZATION

POLYMERIZATION

STAGE AND POLYMERIZATION

STAGE AREA

OIL FIELDS AND REFINERY
41° 41' N 87° 50' E
50 km SE of Yumen, China

25X1D

CIA/PID/IB-
R 252/63



TOP SECRET - CHES

HARBOR ENTRANCE AREA

PROBABLE UTILIZATION OF SITE

SEAN HALL

QUANTUM TUNNELS

PROBABLE UTILIZATION OF SITE

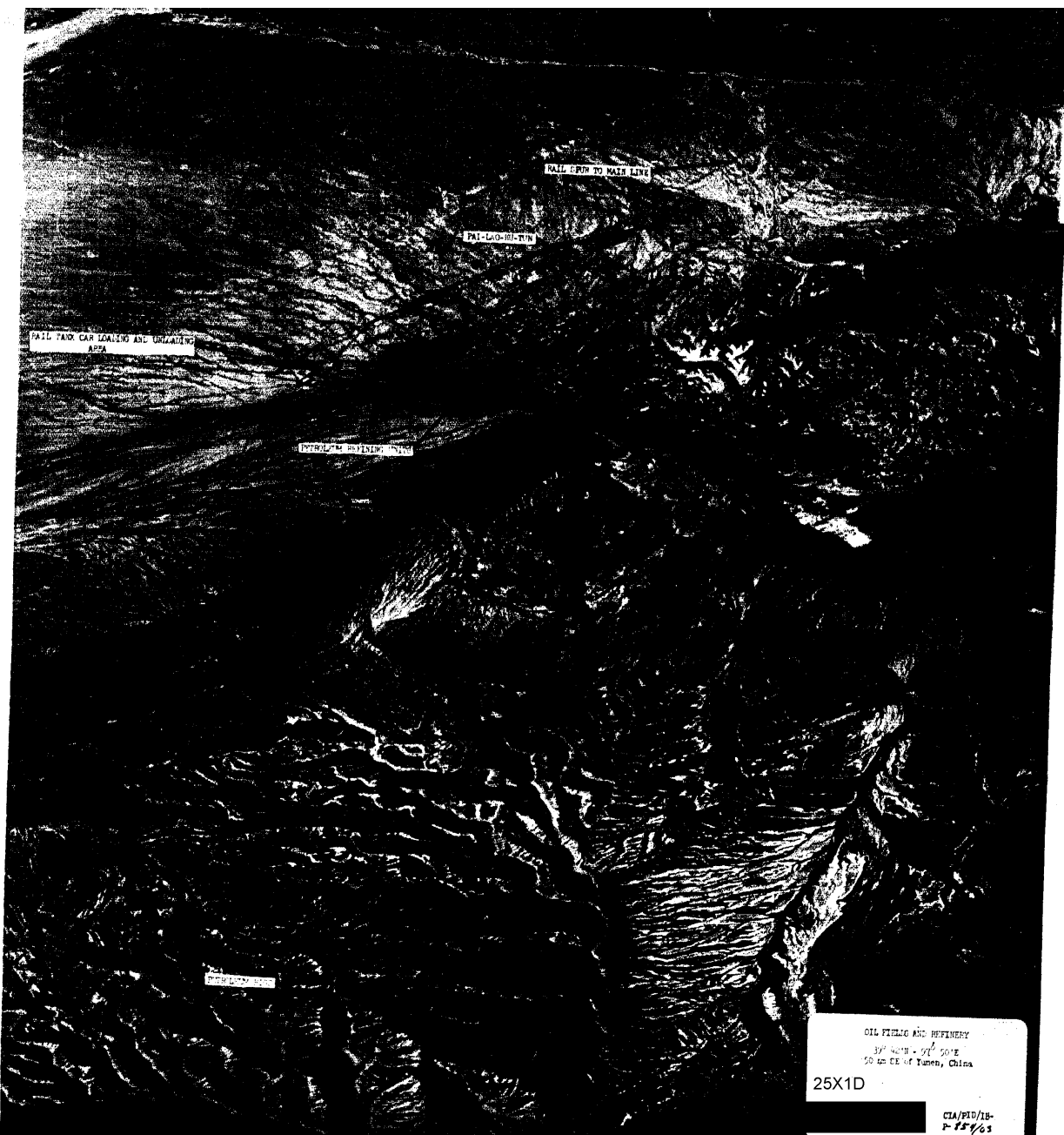
PROBABLE TRAINING AND HOUSING AREA

WATER TREATMENT PLANT

TOP SECRET - CHES

CIA/FIG/18-P-753/63

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RAIL SPUR TO MAIN LINE

PAI-LAO-CHI-TUN

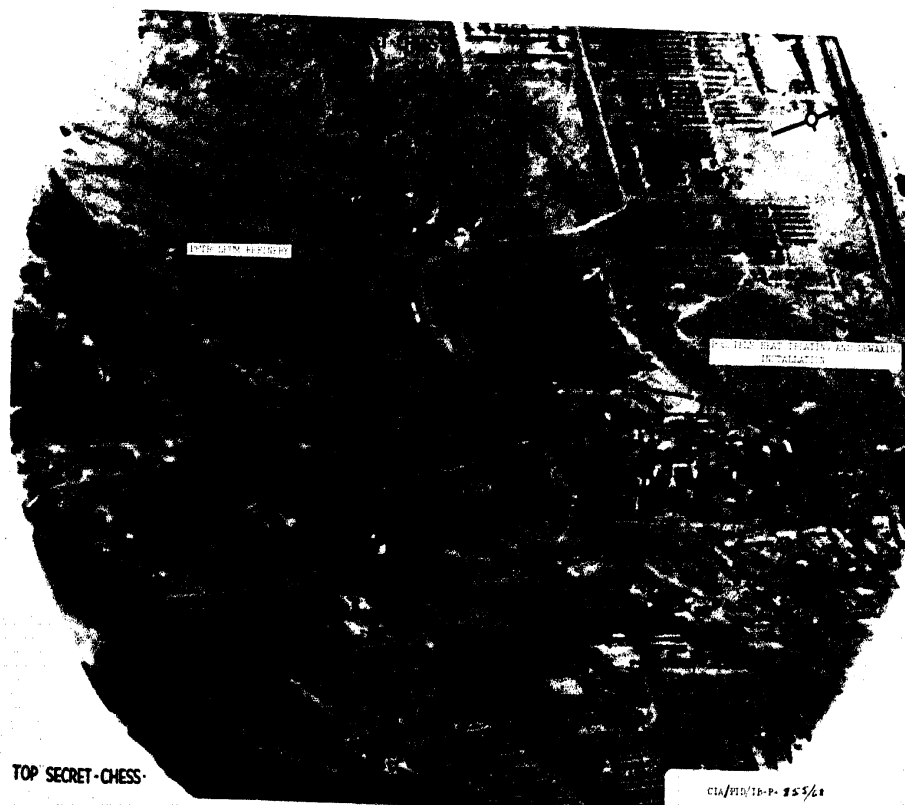
PAUL PARK CAR LOADING AND UNLOADING AREA

INTERLUM REFINERY UNIT

PAUL PARK

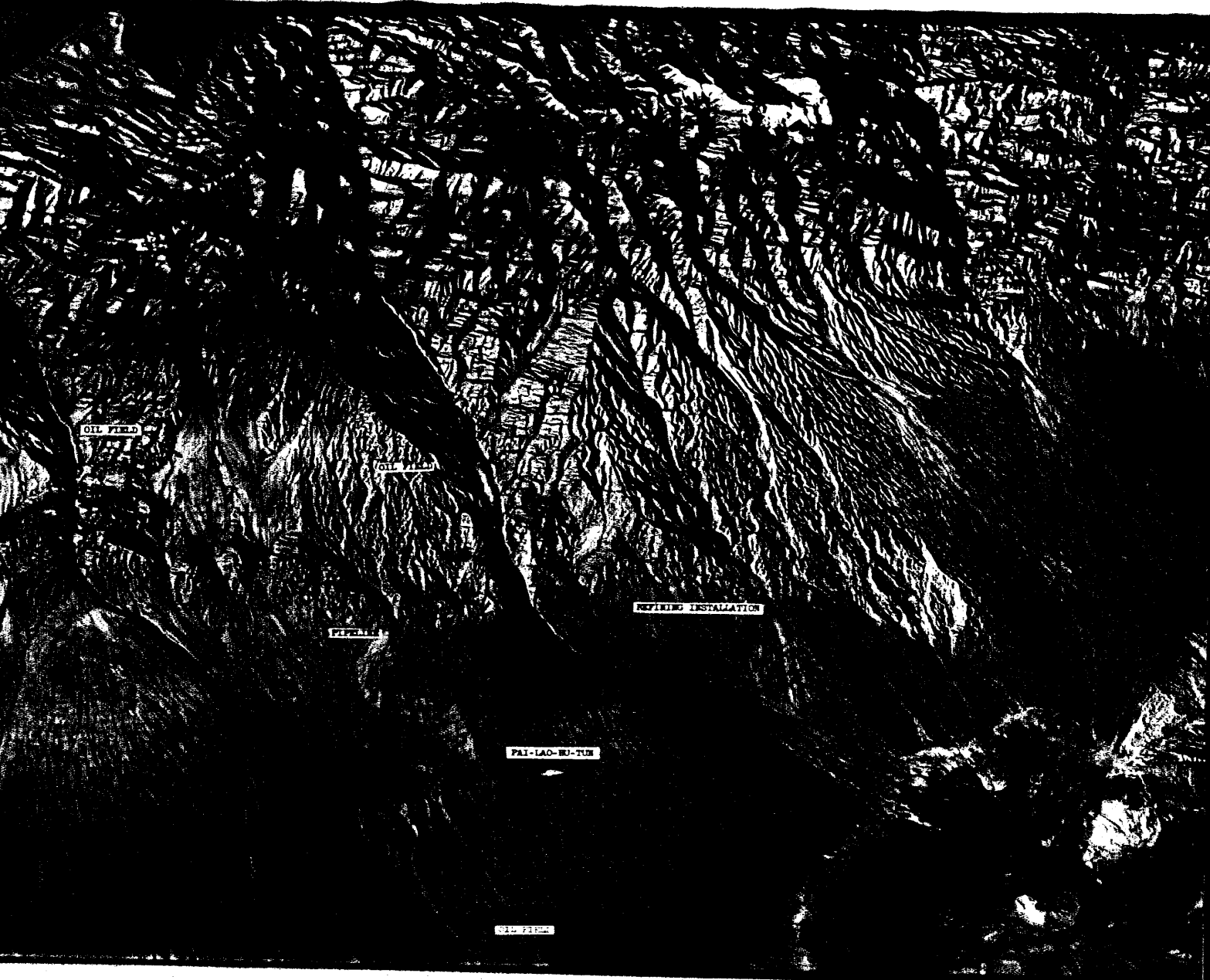
OIL FIELD AND REFINERY
37° 40'N - 121° 50'E
50 km SE of Tumen, China
25X1D
CIA/PID/18-
P-154/63

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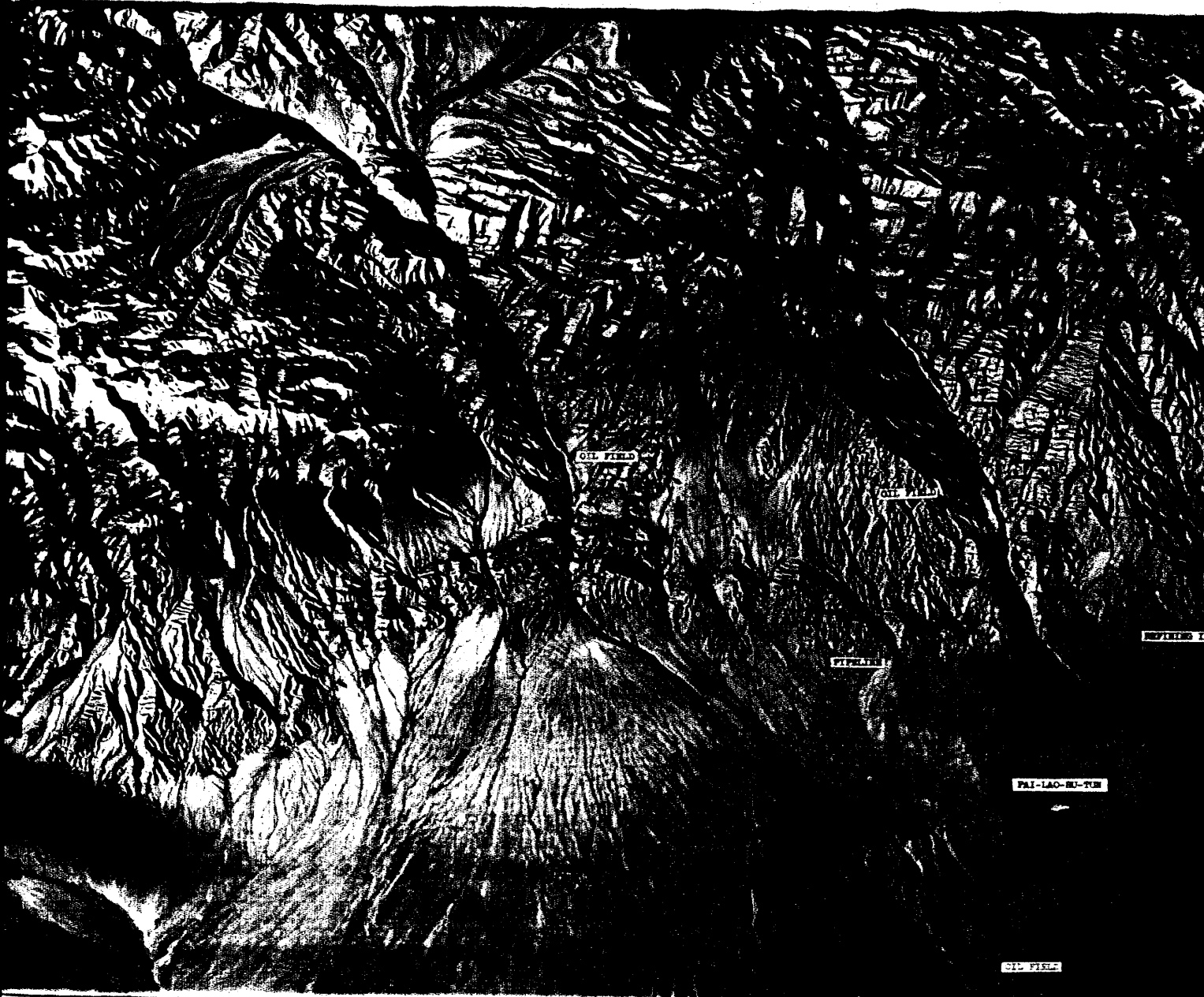
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OIL FIELDS AND REFINERY
39 42N - 97 50E
50 KM SW Yumen, China

25X1D

CIA/PID/ID-
P-75063

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